

# Lake Tour 2007

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## Introduction to Aquatic Plants by Dr. Robert Haynes

**This is a collection of photos taken on a multi-purpose tour. Only a few of Lake Claiborne's aquatic plants are shown. Diagrams of a more complete selection of plants are shown on a separate document.**



## Giant Cutgrass or Water millett (*Zizaniopsis miliacea*)
























## Giant Cutgrass or Water millett (*Zizaniopsis miliacea*)



# Grasses and Sedges: There is a Difference

Important Range Plant Groups					
	Grasses	Grass-like		FORBS	shrubs
		Sedges	Rushes		
STEMS	 <p>Jointed Hollow or Pithy</p>	 <p>Solid &amp; Not Jointed</p>	 <p>Solid</p>	 <p>Solid</p>	 <p>growth rings solid</p>
LEAVES	 <p>Leaves on 2 sides of stem</p>	 <p>Parallel Veins Leaves on 3 Sides of stem</p>	 <p>Leaves on 2 sides of stem rounded</p>	 <p>"Veins" are net like</p>	
FLOWERS	 <p>floret</p>	 <p>male female Stamens Combined</p>		 <p>usually showy</p>	
EXAMPLE	 <p>Western wheat grass</p>	 <p>Threadleaf Sedge</p>	 <p>Wire Rush</p>	 <p>Yarrow</p>	 <p>Big Sage brush (Yucca)</p>

<http://www.lib.ksu.edu/wildflower/drawing/plantgroup.jpg>



Lizard's tail (*Sarurus cernuus*)





Lizard's tail (*Sarurus cernuus*)





## Water primrose (*Ludwigia peploides*)





## Water hyacinth (*Eichhornia crassipes*) & Others





## Water hyacinth (*Eichhornia crassipes*)







Water hyacinth  
(*Eichhornia crassipes*)

Dr. Haynes demonstrates  
how this plant divides  
to produce two plants



## Oneflower False Fiddleleaf (Hydrolea)





## Oneflower False Fiddleleaf (*Hydrolea uniflora*)





## Oneflower False Fiddleleaf (Hydrolea)





## Water Primrose (*Ludwigia peploides*)





## **Coontail (Ceratophyllum demersum)**



**Many waterfowl species eat the shoots.**

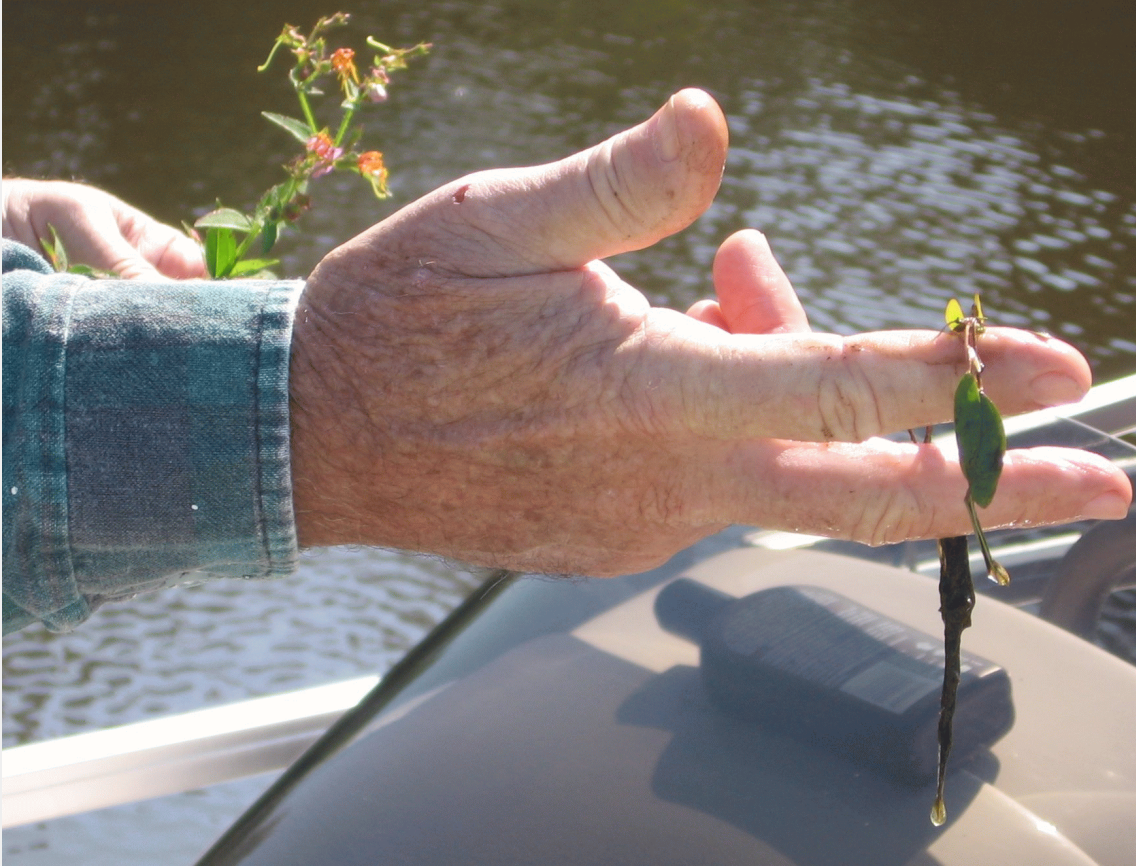
**It provides cover for young bluegills, perch, largemouth bass, and northern pike.**

**It supports insects that fish and ducklings eat.**

**It may become a nuisance if it grows too dense because of excess nutrients in the water.**



## Water thread pondweed (*Potamogeton diversifolius*)





## White Water Lilies (*Nymphaea alba*)





## White Water Lilies (*Nymphaea alba*)





## American Frog-bit (*Limnobium spongia*)







American Frog-bit  
(*Limnobium spongea*)





Elephant Ears

(*Colocasia  
esculenta*)





Manyflower  
Marshpennywort  
(Hydrocotyle)